

POLYETHER CARBAMATE COMPOUNDS, COMPOSITIONS
CONTAINING SUCH COMPOUNDS, AND METHODS RELATED THERETO

ABSTRACT

5 The present invention provides a reaction product having polyether
carbamate groups formed from (A) polyoxyalkylene amine, and (B) cyclic
carbonate, in an equivalents ratio ranging from 1:0.5 to 1:1.5. Further
provided is a process for preparing the aforementioned reaction product.
The present invention also is directed to an improved curable coating
10 composition including (1) a reactive functional group-containing polymer, and
(2) a curing agent having functional groups reactive with the functional groups
of (1), the improvement being the inclusion in the coating composition the
reaction product. Multilayer composite coatings including a first coating layer
formed from the curable coating composition and a second coating layer over
15 the curable coating composition are also provided, as well as coated
substrates.

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